



IT'S A JUNGLE OUT THERE.

You need pathfinders and protectors.

We at Pennie & Edmonds LLP, with over 100 years of experience in intellectual property law, have the breadth and depth to represent you nationally, globally, even through cyberspace.

Please explore our site and let us know how we can guide you through your jungle.

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Pennie & Edmonds LLP, is one of America's oldest and largest intellectual property law firms. Founded in 1884, the firm has grown to more than 180 practitioners located in New York City, Washington, D.C. and Palo Alto, California.

Our practice encompasses all aspects of intellectual property law including <u>patents</u>, <u>trademarks</u>, <u>copyrights</u>, <u>computer-related law</u> and trade secrets, to name a few. We prepare applications, participate in hearings before government agencies such as the Patent and Trademark Office, customs authorities and the International Trade Commission. We counsel clients, negotiate licenses and other contracts, and defend or enforce our clients' rights in court. Our size, resources and alliances enable us to represent clients effectively in major intellectual property litigation at every state, federal and international court level.

Our clients can be found in most countries of the world, and their problems present a diversity of challenges at the intersection of law, business and technology as they shape the world. Much of our practice is related to technology, and several factors enable us to remain on the cutting edge, to serve our clients better. First, many of our practitioners hold advanced degrees in the biological and medical sciences, chemistry, electrical and mechanical engineering, computer science, metallurgy, physics, economics, accounting and business and other disciplines. Second, we recognize the importance of keeping abreast of our clients' industries as well as the developing laws applicable to them. Thus our command of the commercial, technical and legal implications of intellectual property produces highly effective solutions to our clients' problems of technology and trade.

The firm is organized into industry practice groups that tailor services to meet the business objectives of clients in specific industries. This approach focuses on the business realities of intellectual property. We advise clients on acquisitions, investments, contracts, portfolio strategies and a wide range of other business transactions. We consider tax, bankruptcy, antitrust and other key issues in solving problems and maximizing the value of intellectual property assets. We keep up with our client's industries to more fully understand their legal problems.

We provide comprehensive legal services for our clients in the areas of <u>trademark</u>, <u>unfair</u> <u>competition</u>, <u>copyright</u>, <u>entertainment and arts law</u>. Our expertise ranges from the creation and maintenance of trademark rights, through prosecution, to their protection worldwide against <u>infringement and counterfeiting</u>, and from the importation of <u>gray market goods</u>. We provide trademark audits for due diligence and financing purposes. In the entertainment field, we offer a full range of services in the developing arena of <u>multimedia law</u>.

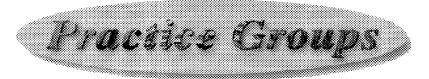
All Pennie & Edmonds LLP lawyers are encouraged to participate on litigation teams. The result is that litigation teams are better integrated, and the training produces lawyers whose capabilities integrate both technical expertise and litigation experience; our litigators can better grasp the technical gist of the cases they try. Correspondingly, that training enables our non-litigation work product to better anticipate and minimize the pitfalls of possible future litigation.

The firm's Washington, D.C. and Palo Alto, California offices add additional dimensions to our practice. As part of its full range of intellectual property services, the Washington office provides clients with expeditious access to federal agencies and appeals courts, handles international trade matters such as economic and technical analyses for U.S. and foreign respondents accused of

dumping, conducts an extensive practice in Section 337 unfair competition matters at the International Trade Commission and provides cost-effective filing and prosecution of patent applications. The Palo Alto office extends Pennie & Edmonds LLP's resources to the Silicon Valley center of the venture capital community, adding general counseling and financing expertise to the firm's broad range of legal services for start-up enterprises.

Whether representing a start-up venture or a multinational, Pennie & Edmonds LLP provides a team of dedicated professionals. Our lawyers respond promptly to our clients' concerns, exhibit cost consciousness at each stage of strategic planning and staffing, and provide the highest caliber of performance.

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Electrical Engineering

Since the early days of radio technology, Pennie & Edmonds LLP has helped clients patent and commercialize innovations in electrical engineering. Today, the ubiquitous presence of electronics in virtually all branches of industry is reflected in the diversity of the firm's electronics practice. Clients work in a wide range of fields, such as consumer electronics, semiconductor device and fabrication technology, laser and microlaser devices, military and aerospace products, radar and millimeter wave devices, nuclear magnetic resonance machines and other medical devices, power distribution equipment, scientific and industrial instrumentation, and telecommunications and data communication equipment. The Group has long represented clients working with computer hardware, from early analog systems to the now pervasive digital technology, from rudimentary computer architectures through the latest generation of massively parallel computing systems.

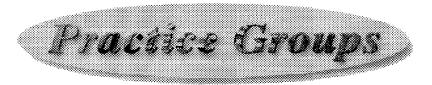
The Electronics Group numbers approximately 35 lawyers, many with degrees as well as industry experience in electrical engineering/computer science, physics and optics, together they represent clients in all areas of patent prosecution, litigation and counseling. The diversity of their expertise qualifies them to address the many products that combine hardware and software, optics and electronics, and other diverse combinations emerging from modern laboratories.

They are deeply involved in evolving areas of law that affect the electronics industry, including the antitrust issues that particularly affect certain software-related licensing practices. Manufacturers of semiconductor devices, for example, are critically affected by a recent change in patent law that creates a new basis for infringement claims against offshore businesses that depend on process patents. In this and other instances, Pennie & Edmonds LLP is actively involved in advising clients and in litigation creating new law.

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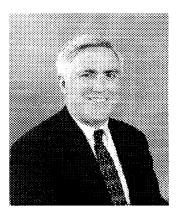
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Frank E. Morris



PARTNER

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I am engaged in the practice of patent and copyright law both in the Pennie & **Edmonds LLP' New** York office and its Palo Alto office. My practice includes litigation, licensing, opinion work and patent prosecution and my clients range from individuals to some of the largest companies in the world.

I was trained in physics, graduating in 1963 with an S.B. degree, magna cum laude, from Holy Cross College. I then turned to law, obtaining my LL.B. from Harvard in 1966. Following law school, I joined the patent staff at Bell Telephone Laboratories, Murray Hill, New Jersey. There I developed into a patent lawyer and an electrical engineer. I worked in technologies such as semiconductor physics, semiconductor

manufacturing, laser, optics, holography, xerography and computer programming. I also took the opportunity to go back to school and obtained an M.E. degree in Electrical Engineering from Stevens Institute of Technology.

In 1971, I joined Pennie & Edmonds LLP as an associate and was elected to partnership in 1976. My practice has been quite varied. My litigation experience includes trial and pretrial work involving technology such as integrated circuits. semiconductors, PCB and microwave test equipment, telecommunications, local area networks, surgical lasers, disk drives, automatic teller machines, electronic watches, electronic calculators, electronic musical instruments, daisy wheel printers, intelligent terminals, and optics. I also have extensive appellate experience in environmental and occupational health matters.

My licensing, opinion

and patent prosecution work has covered most areas of physics and electrical engineering, as well as some mechanical engineering and chemistry. Areas of concentration include integrated circuits (devices and fabrication), parallel computers, telecommunications (analog and digital), Internet technology, software, financial systems, computerized test equipment, signal processing, fiber optics, lasers, membranes, glass manufacturing, NMR and xerography.

I am a member of the New York Academy of Science, the American Association for the Advancement of Science, the Association for Computing Machinery, the IEEE, the New York State and American Bar Association, the New York Intellectual **Property Law** Association, and the Association of the Bar of the City of New York.

In the little time I have to spare, I enjoy the Rocky Mountains, especially on a pair of skis.